

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

		Valid Civib Collabi Hombel	
	Сол	nplete if Known	
Substitute for form 1449A/PTO	Application Number	09/751,456	
	Filing Date	December 29, 2000 CIVE	- F
- INFORMATION-DISCLOSURE	First Named Inventor	lyer	:L)
STATEMENT BY APPLICANT	Art Unit	2681	<del></del> -
	Examiner Name	JAN 0 6 2004	
(use as many sheets as necessary)		<b>T</b> 1	
Sheet 1 of 2	Attorney Docket Number	00349 Technology Center	2600

		U.	S. PATENT DO	CUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
55		5,713,075	01-27-1998	Threadgill et al.	
1		5,913,160	06-15-1999	Leung	
		5,920,284	07-06-1999	Victor	
		5,969,669	10-19-1999	Ishikawa et al.	
		6,014,374	01-11-2000	Paneth et al.	
		6,085,084	07-04-2000	Christmas	
		6,128,483	10-03-2000	Doiron et al.	
		6,185,409	02-06-2001	Threadgill et al.	
		6,233,447 B1	05-15-2001	Tomoike	
	1	6,272,341	08-07-2001	Threadgill et al.	
		6,332,069 B1	12-18-2001	Zhao et al.	
		6,352,222 B1	03-05-2002	Maeda et al.	
		6,445,916 B1	09-03-2002	Rahman	
		6,453,329 BI	09-17-2002	Dodgen	
		6,456,843 B1	09-24-2002	Daly	
خے		6,636,721	10-21-2003	Threadgill et al.	

		FOREIGN I	PATENT DOC	JMENTS		
		Foreign Patent Document	J	N==== +/ D=+==+====	Pages, Columns, Lines,	Т
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	™
	ļ					Г.
	<u> </u>					╫┈

Examiner Signature S S	Date /- 5-05	
------------------------	--------------	--

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington,

PI-1070117 v1 0224285-0067

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique dilation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a

_							ntroi number
Γ					Con		
ı	Substitute for	form 1449A/PTO			Application Number	09/751,456	
1					Filing Date	December 29, 200	FCFIVED.
- -	INFOF	RMATION_DIS	SCLOS	SURE	First Named Inventor	lyer	
1	STAT	<b>EMENT BY A</b>	PPLIC	CANT	Art Unit .	2681	JAN 0 6 2004
1					Examiner Name		<del>77114 0 0  </del> 200 <del>4</del>
L	(use a	s many sheets a	s neces	ssary)		Tech	nology Center 2600
	Sheet	2	of	2	Attorney Docket Number	00349	10109) 0411(01 2000

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T2		
	<u> </u>				

Examiner	Date
Signature	Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

SEP 2 9 2004 W

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

			Complete if Known		
Substitute for fo	orm 1449A/PTO			Application Number	09/751,456
				Filing Date	December 29, 2000
INFORMATION DISCLOSURE				First Named Inventor	Gopal N. Iyer
STA	STATEMENT BY APPLICANT		Art Unit	2681	
(use	as many sheets	as necesso	ary)	Examiner Name	
Sheet	1	of	1	Attorney Docket Number	00349

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
55		5,220,675	06-15-1993	Padawer et al.	
35		6,311,320	10-30-2001	Jibbe	
55/		6,658,646	12-02-2003	Hernandez, III	
			<u> </u>		

		FOREIGN I	PATENT DOC	UMENTS		
	Ī.,	Foreign Patent Document		Name of Patentee or	Bassa Calumna Lines	
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited  Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	<b>7</b> ⁵.
			l			

	0′	THER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²

Examiner Signature	5.50	Date Considered	1-5-05

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OND 29 ESS

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

				Complete if Known		
Substitute for fo	rm 1449A/PTO			Application Number	09/751,456	
				Filing Date	December 29, 2000	
INFORMATION DISCLOSURE———— STATEMENT BY APPLICANT				-First-Named Inventor	Gopal N. Iyer	
			INT	Art Unit	2681	
(use	as many sheets as	necesso	ary)	Examiner Name		
Sheet	1	of	1	Attorney Docket Number	00349	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1
Examiner Initials*	Cite No.	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>3</sup> (if known)				Τ <sup>6</sup>
· · · · -						L.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²	
55		"Corsair Communications Stops One Millio mbat \$1.3 Million per Day Fraud Problem," March 27, 1995, accessed at http://is.gseis.edu/impact/w95/RN/mar31news/Merc-news-corsair.html		

Examiner Signature	5.82	Date Considered	1-5-05

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.